

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 02-235001
(43)Date of publication of application : 18.09.1990

(51)Int. Cl.

G02B 5/126

(21)Application number : 01-057260
(22)Date of filing : 09.03.1989

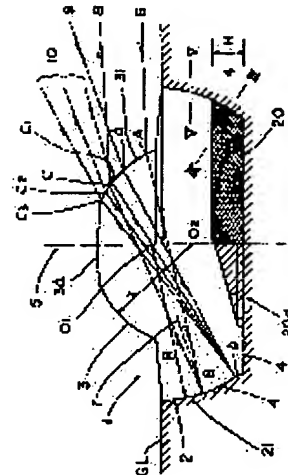
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(54) EMBEDMENT TYPE RETROREFLECTIVE ROAD RIVET

(57)Abstract:

PURPOSE: To allow the visual recognition of the rivet even a vehicle approaches the rivet and to enable a nearby third pedestrian to notice the approach of the vehicle in an early time by providing many flat surfaces which suppress the retroreflection of the light entering from the upper incident face to a lower reflection face and obtain the reflected luminous fluxes in the directions different from the retroreflection direction.

CONSTITUTION: An embedding part 2 of the road rivet having the partially spherical incident face 31 in the upper part and the partially spherical reflection face 21 in the lower part is embedded below GL and an exposing part 3 is exposed above GL. This incident face 21 is provided with the many flat surfaces 4 which suppress the retroreflection of the light entering from the incident face 31 and obtain the reflected luminous fluxes in the directions different from the retroreflection direction on the partially spherical surfaces of the embedding part 2 from a base 20 up to a prescribed height H. The incident light 6 nearly parallel with the road surface passes the point B of the reflecting face 21 and the point C of the incident face 31 from the point A of the incident face 31 to form the reflected light 8 which returns toward the vehicle, but this light passes the point a, the point b, the points c1, c2, c3... to constitute the reflected luminous flux 10 so as to be recognized visually by the driver when the vehicle approaches the rivet body 1 and the incident light 9 enters the body at a large angle.



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[Date of request for examination]
[Date of sending the examiner's decision of rejection]
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision of rejection]
[Date of requesting appeal against examiner's decision of rejection]
[Date of extinction of right]

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